

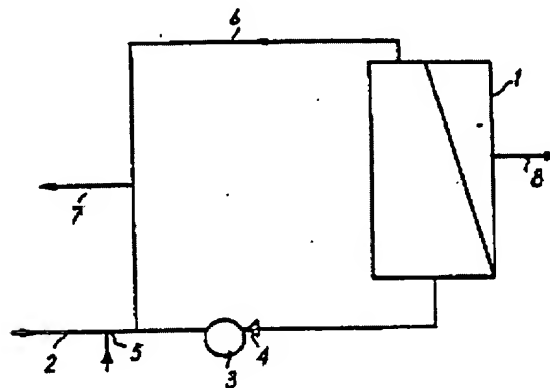
Filtration and purificn.. of fluids e.g. water - by addn. of active carbon as adsorbent for organic material followed by membrane filtration and recirculation of retentate mixt.

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Abstract of FR2628337

An appts. for filtration and purificn. of fluids, esp. liqs. such as water, by means of membranes or by tangential filtration and an adsorbent, esp. active carbon, operates as a sealed loop circuit, with the adsorbent being introduced into the stream of fluid to be treated and fed with this to a filtration unit comprising at least one membrane or a tangential filtration unit, through which part of the fluid to be treated passes, while the remainder of the mixt. of fluid to be treated and adsorbent is returned to the loop followed by additional fluid to be treated. **USE/ADVANTAGE** - The appts. provides a combination of membrane filtration (micro- or ultrafiltration) with an adsorbent treatment to remove dissolved organic materials which are not retained by the filtration. The process provides good removal of suspended solids (turbidity) and dissolved organic substances in water.



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